

Converting Colors

`RYB(224, 184, 227)`

Have a look what the booklet for RYB(224, 184, 227) contains.

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Color

R_YB(224, 184, 227)

Conversions

Conversions Part 1

Format	Color
Hex	E0B8E3
RGB	224, 184, 227
RGB Percent	88%, 72%, 89%
CMY	0.1216, 0.2784, 0.1098
CMYK	0.01, 0.19, 0.00, 0.11
HSL	296°, 43%, 81%
HSV	296°, 19%, 89%
XYZ	61.7461, 55.6743, 80.1649
YIQ	200.8620, 10.0370, 21.8530

Conversions

Conversions Part 2

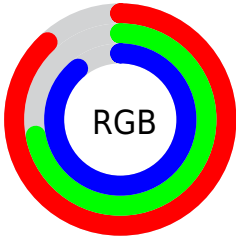
Format	Color
RYB	224, 184, 227
Decimal	14727395
CIELab	79.43, 21.71, -16.06
CIELCh	79, 27.007, 323.503
Yxy	55.6743, 0.3125, 0.2818
Android (android.graphics.Color)	4292917475 (0xFFE0B8E3)
YUV	200.8620, 12.8860, 20.2920
Hunter-Lab	74.6152, 17.1368, -11.4692

Details

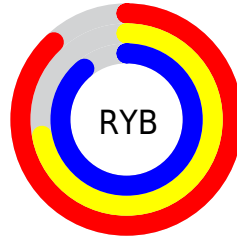
The RYB color **224, 184, 227** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **184, 227, 224**, and the grayscale version is **201, 201, 201**.

A 20% lighter version of the original color is **255, 240, 255**, and **168, 131, 172** is the 20% darker color. If you saturate the color by 10%, you get **222, 161, 227**, and if you desaturate by 10%, it is **226, 207, 227**.

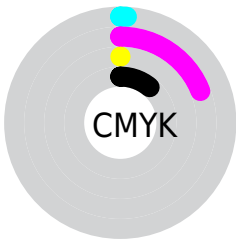
Distribution



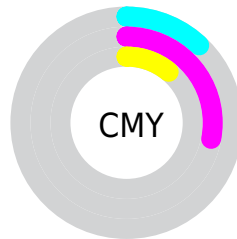
- Red (88%)
- Green (72%)
- Blue (89%)



- Red (88%)
- Yellow (72%)
- Blue (89%)



- Cyan (1%)
- Magenta (19%)
- Yellow (0%)
- Black (11%)




- Cyan (12%)
- Magenta (28%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RYB color 224, 184, 227 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RYB color 224, 184, 227 by changing the saturation by 10% instead.

 224, 184, 227


 224, 184, 227

255, 255, 255


 196, 157, 199

 255, 240, 255

 168, 131, 172

 142, 105, 145

 116, 81, 119

 91, 57, 94


 67, 35, 71

 44, 14, 48

 25, 0, 28


 0, 0, 0

 224, 184, 227

 224, 184, 227

 222, 161, 227

 226, 207, 227

 221, 139, 227

 227, 229, 229

 219, 116, 227

 227, 252, 250

 218, 93, 227


 227, 255, 252

 216, 70, 227


 227, 255, 250

 214, 48, 227


 227, 255, 248

 213, 25, 227

 227, 255, 247

 211, 2, 227

 227, 255, 245

 211, 0, 227

 227, 255, 244

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



194, 192, 243



224, 184, 227



243, 179, 203

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



224, 184, 227



192, 221, 147



124, 169, 216

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



224, 184, 227



184, 227, 224

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



139, 181, 211



224, 184, 227



150, 201, 157

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



224, 184, 227



240, 199, 157



166, 207, 207



131, 175, 236

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



224, 184, 227



248, 179, 186



166, 207, 207



127, 170, 211

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



224, 184, 227



254, 240, 255



184, 188, 227



127, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



224, 184, 227



251, 196, 255



227, 184, 209



114, 103, 115



166, 0, 179



47, 0, 51

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



227, 184, 187



255, 196, 200



184, 214, 227



115, 103, 104



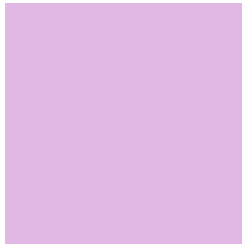
179, 0, 12



51, 0, 4

Previews

White Background



This preview shows how the RYB color 224, 184, 227 looks on a white background.

Color Contrast Check

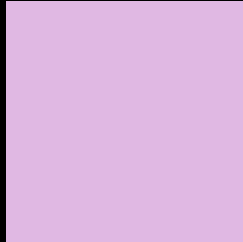
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 224, 184, 227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 224, 184, 227 Background



This preview shows how black text looks on a background with the RYB color 224, 184, 227.



This preview shows how white text looks on a background with the RYB color 224, 184, 227.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).


Dichromacy



Original Color
224, 184, 227

Protanopia
189, 194, 234

Deuteranopia
203, 192, 225



Tritanopia
221, 188, 203

Trichromacy



Original Color
224, 184, 227

Protanomaly
202, 191, 231

Deuteranomaly
211, 189, 226

Tritanomaly
222, 187, 212

Monochromacy



Original Color
224, 184, 227

Achromatopsia
201, 201, 201

Achromatomaly
209, 195, 210

CSS Examples

Text

The CSS property to change the color of the text to RYB 224, 184, 227 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(224, 184, 227) looks like.

```
.text, #text, p{  
    color:rgb(224, 184, 227)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(224, 184, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 184, 227) }
```

Border

The CSS property to change the border of an element to RYB 224, 184, 227 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(224, 184, 227) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(224, 184, 227) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(224, 184, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 184, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 184, 227);  
box-shadow:4px 4px 4px 4px rgb(224, 184,  
227) }
```

Background

The CSS property to change the background color of an element to RYB 224, 184, 227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 184, 227) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(224,  
184, 227) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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